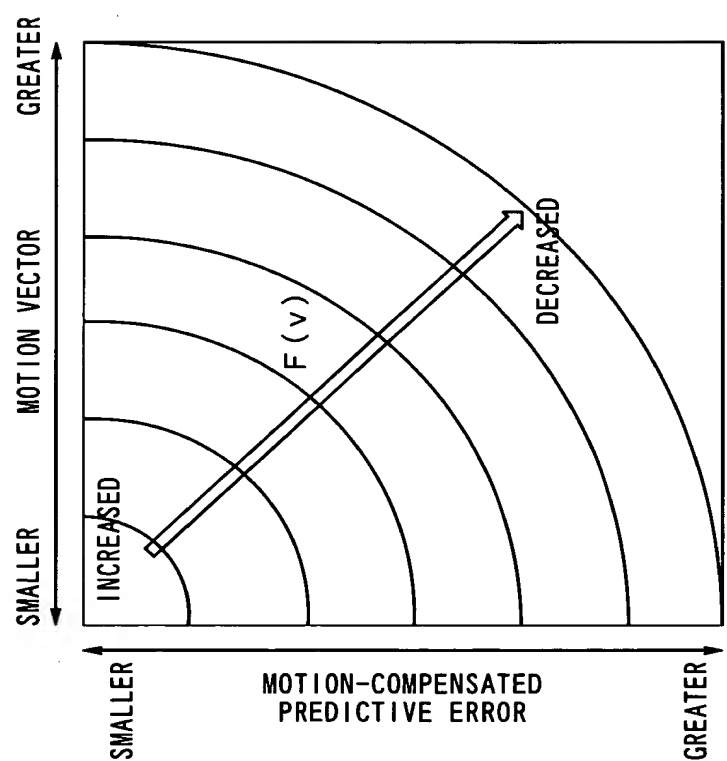


FIG. 1

$F = F(v) + F(e)$

$F$ : DIRECTION FOR CONTROLLING THE NUMBER OF REPEATED B PICTURES  
 $F(v)$ : DIRECTION FOR CONTROLLING THE NUMBER OF REPEATED B PICTURES DETERMINED FROM RELATION DIAGRAM Z1  
 $F(e)$ : DIRECTION FOR CONTROLLING THE NUMBER OF REPEATED B PICTURES DETERMINED FROM INEQUALITY Z2



Z1 RELATION DIAGRAM

FIG. 2

$F(e) = \text{INCREASE: DIFFERENCE VALUE} > \text{THRESHOLD}$   
 $F(e) = \text{DECREASE: DIFFERENCE VALUE} < \text{THRESHOLD}$

DIFFERENCE VALUE (= INTERFRAME DIFFERENCE - MOTION-COMPENSATED PREDICTIVE ERROR)

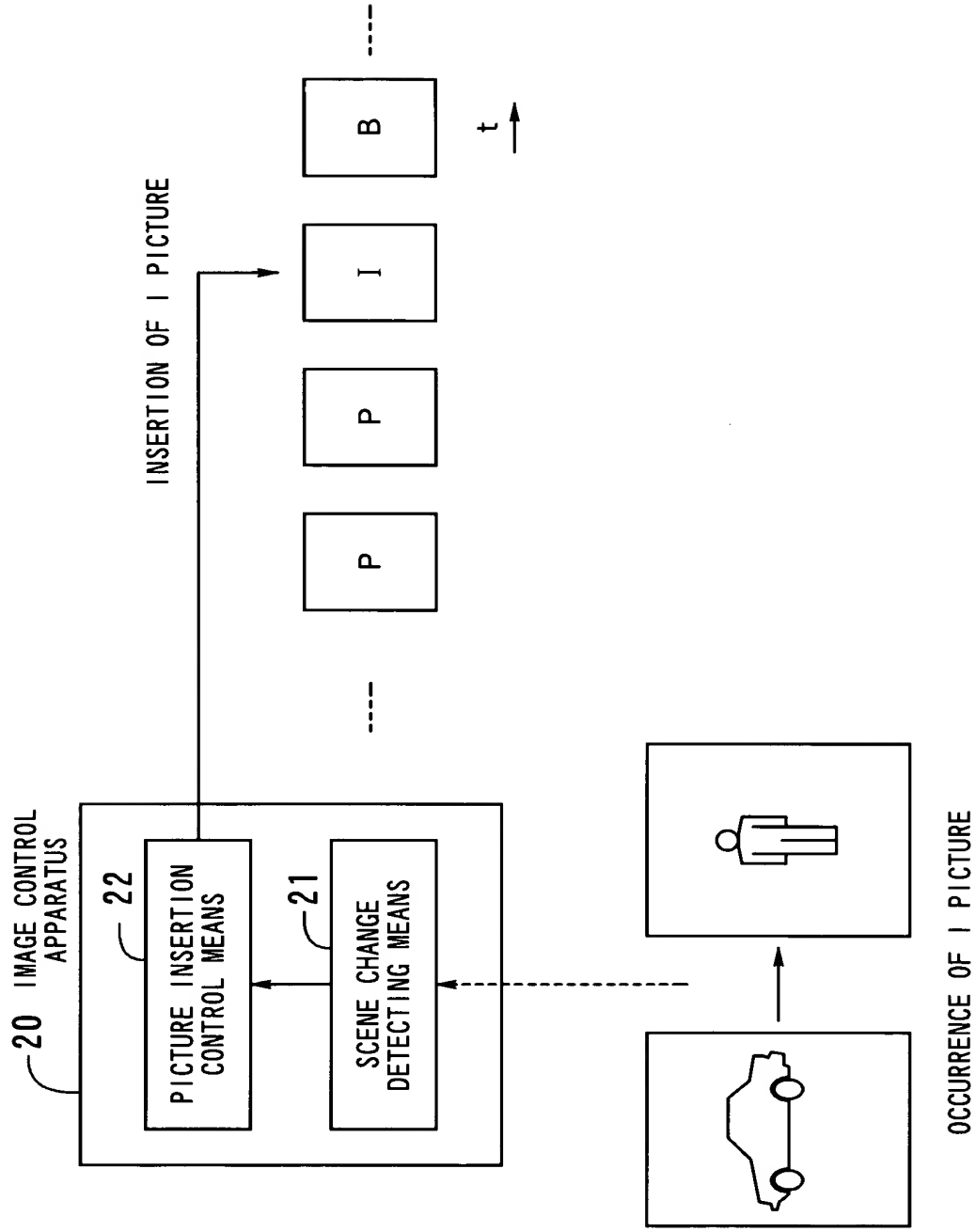


FIG. 3

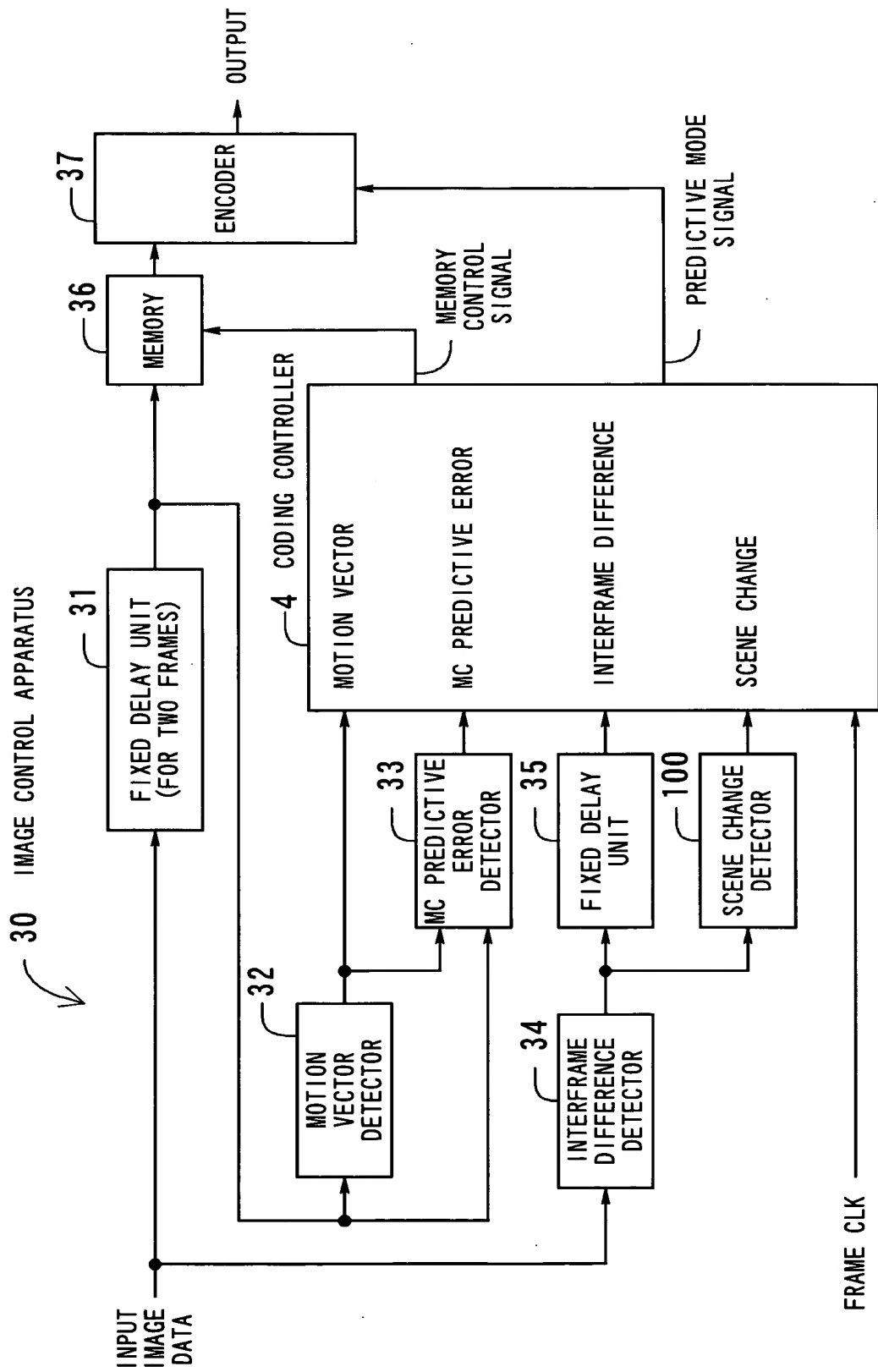


FIG. 4

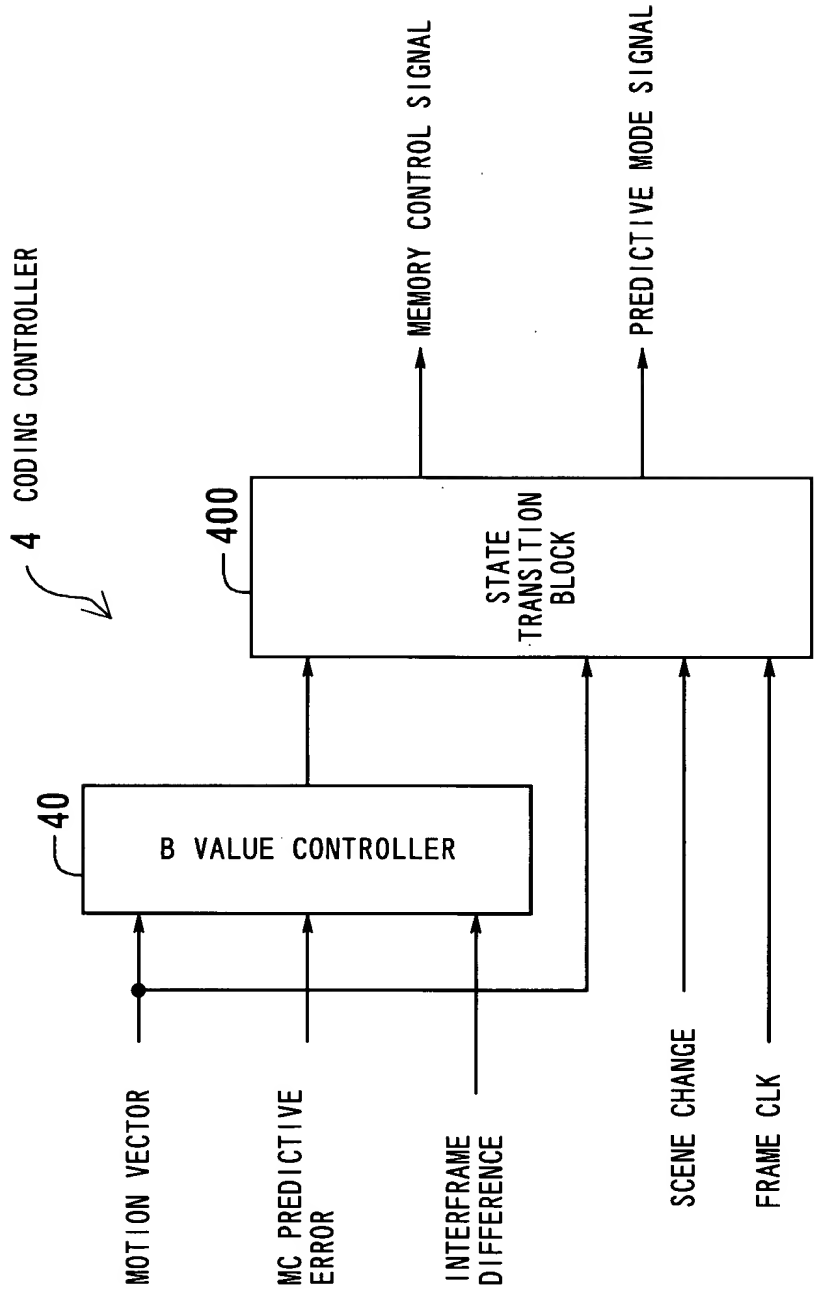


FIG. 5

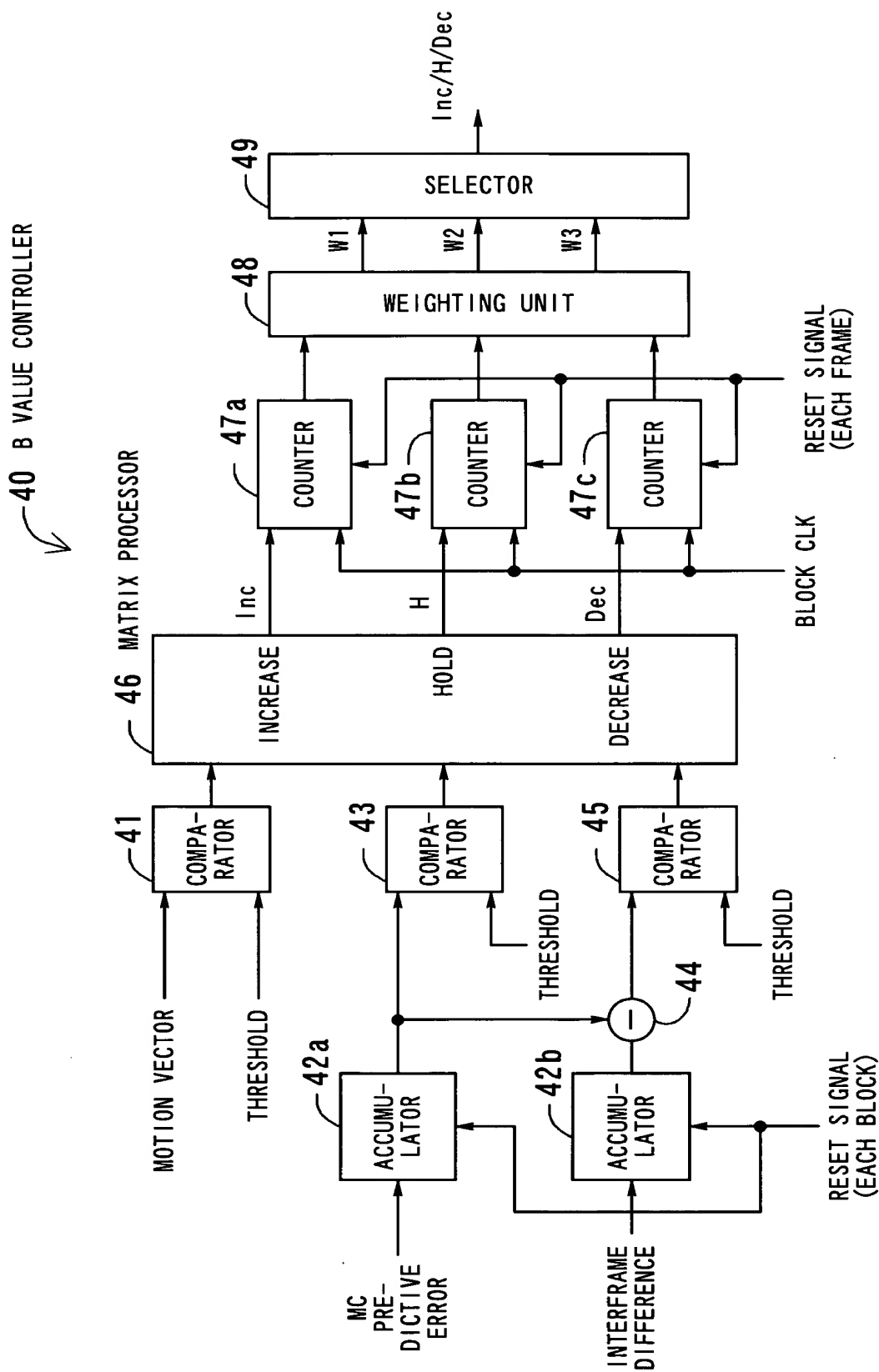


FIG. 6

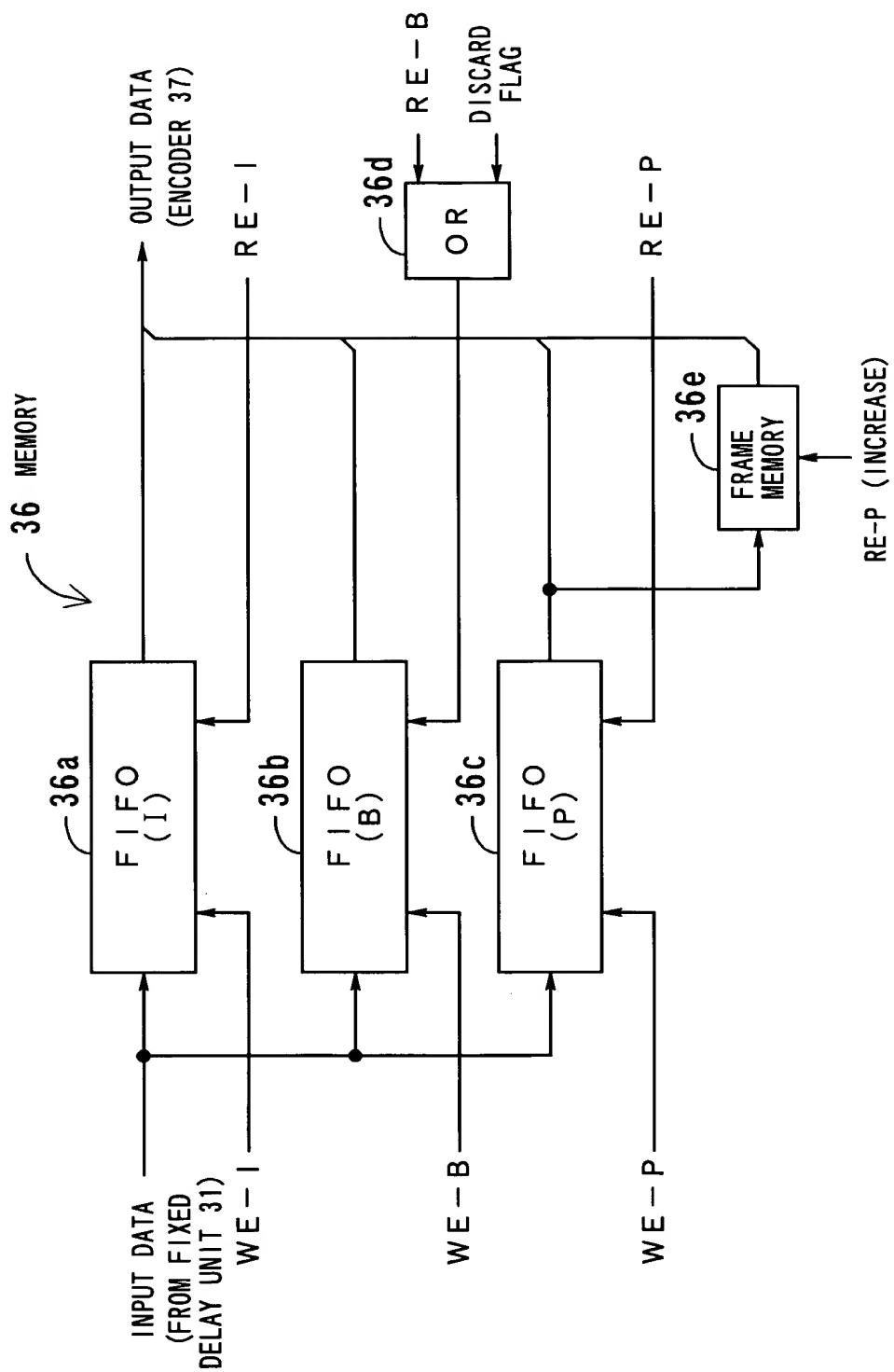


FIG. 7





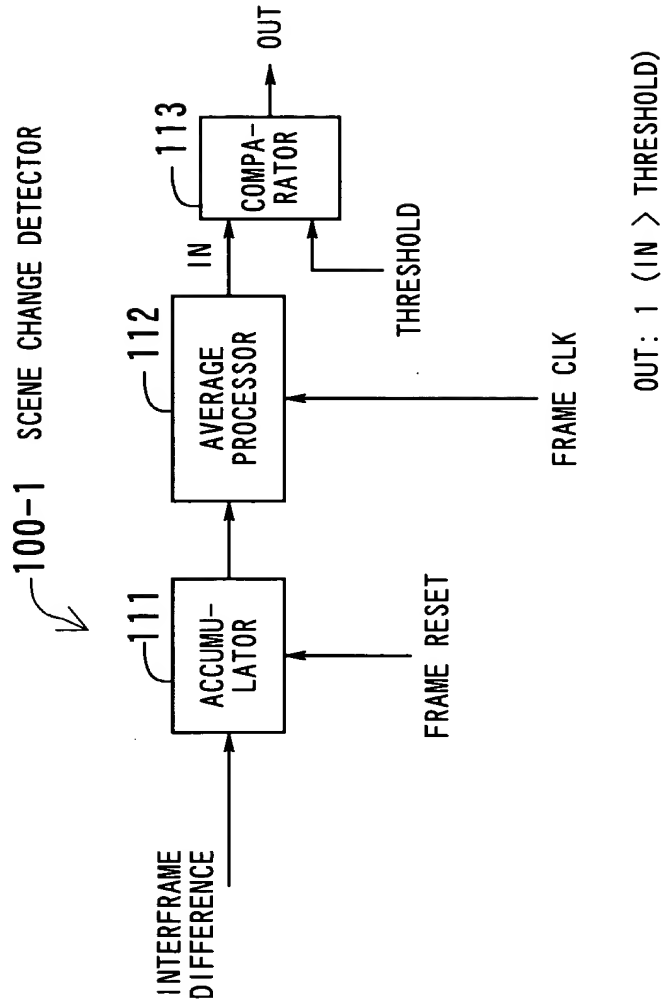
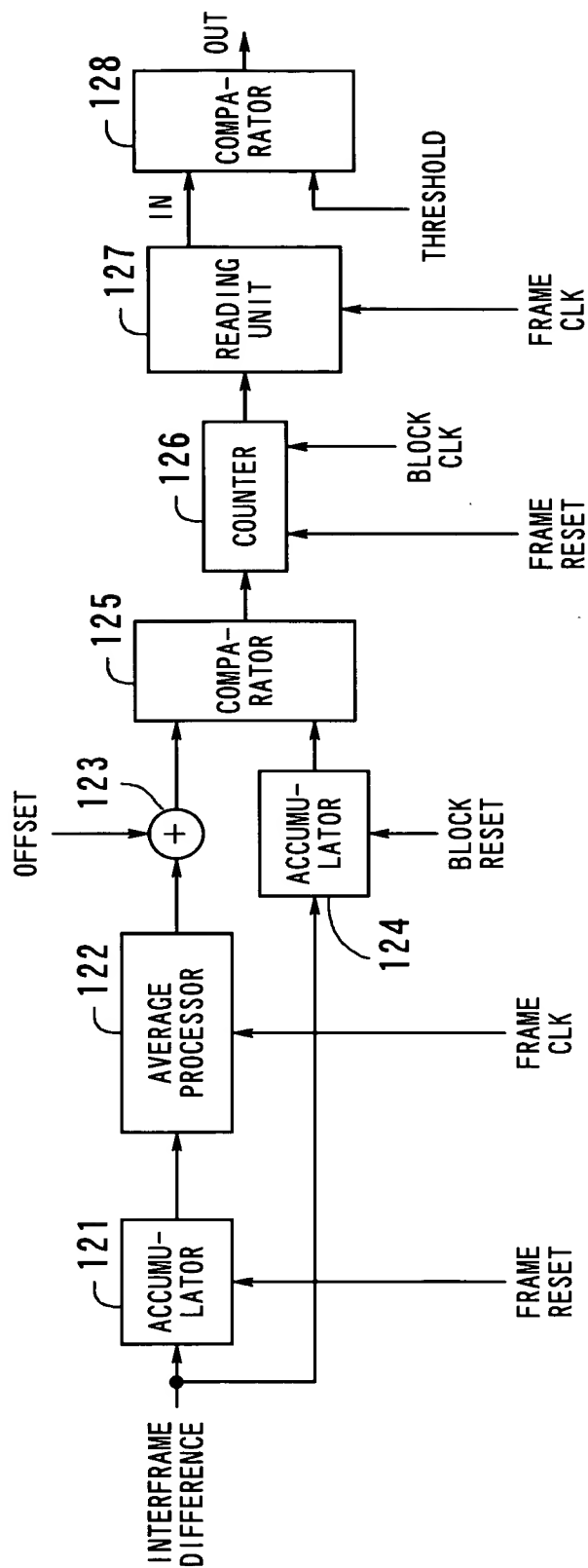


FIG. 9

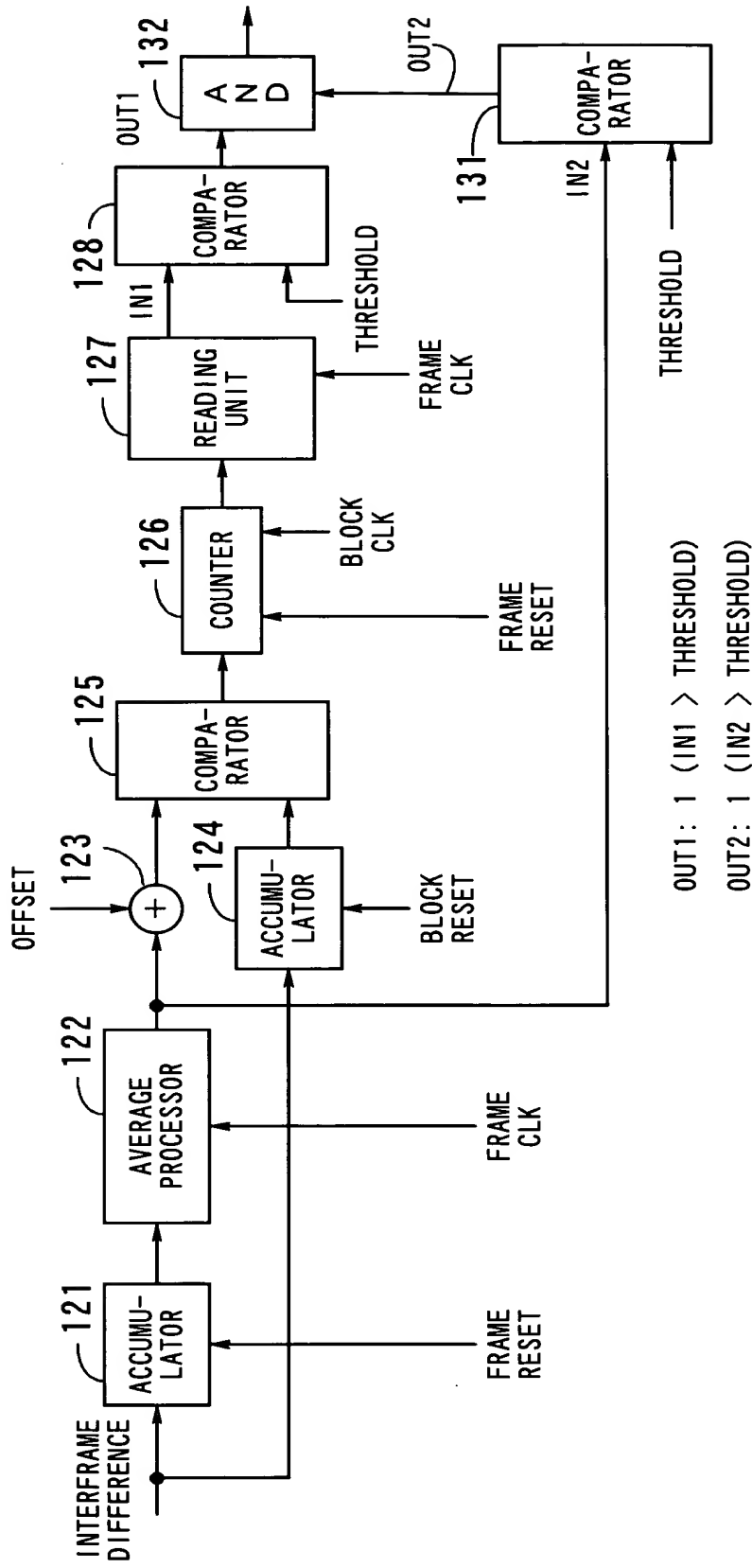
100-2 SCENE CHANGE DETECTOR



OUT: 1 (IN > THRESHOLD)

FIG. 10

100-3 SCENE CHANGE DETECTOR

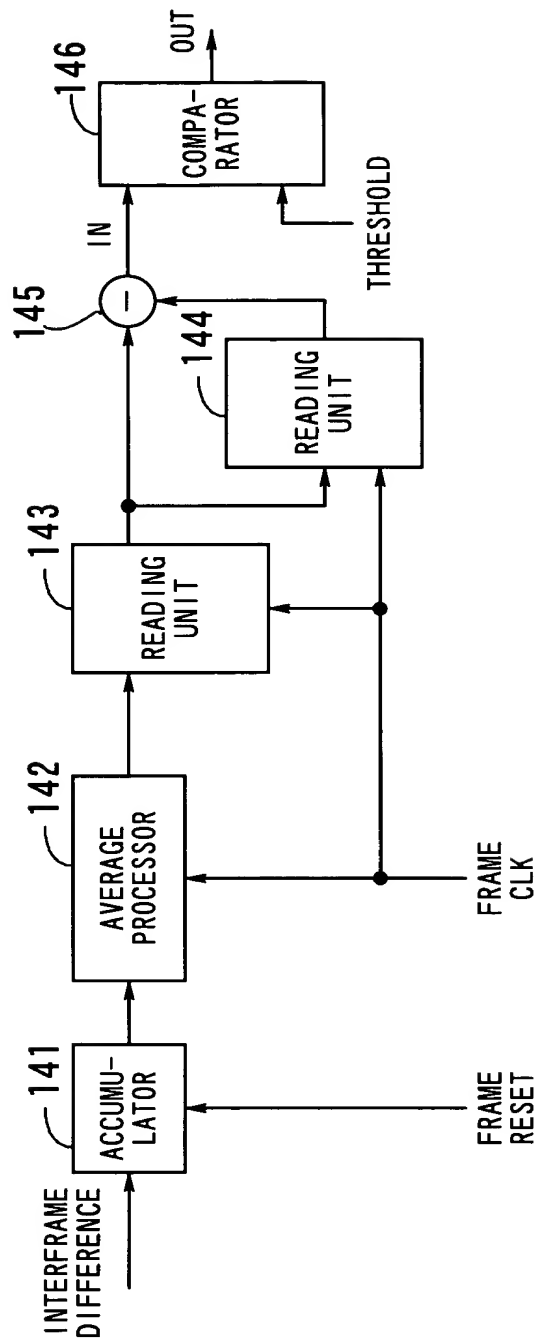


OUT1: 1 (IN1 > THRESHOLD)

OUT2: 1 (IN2 > THRESHOLD)

FIG. 11

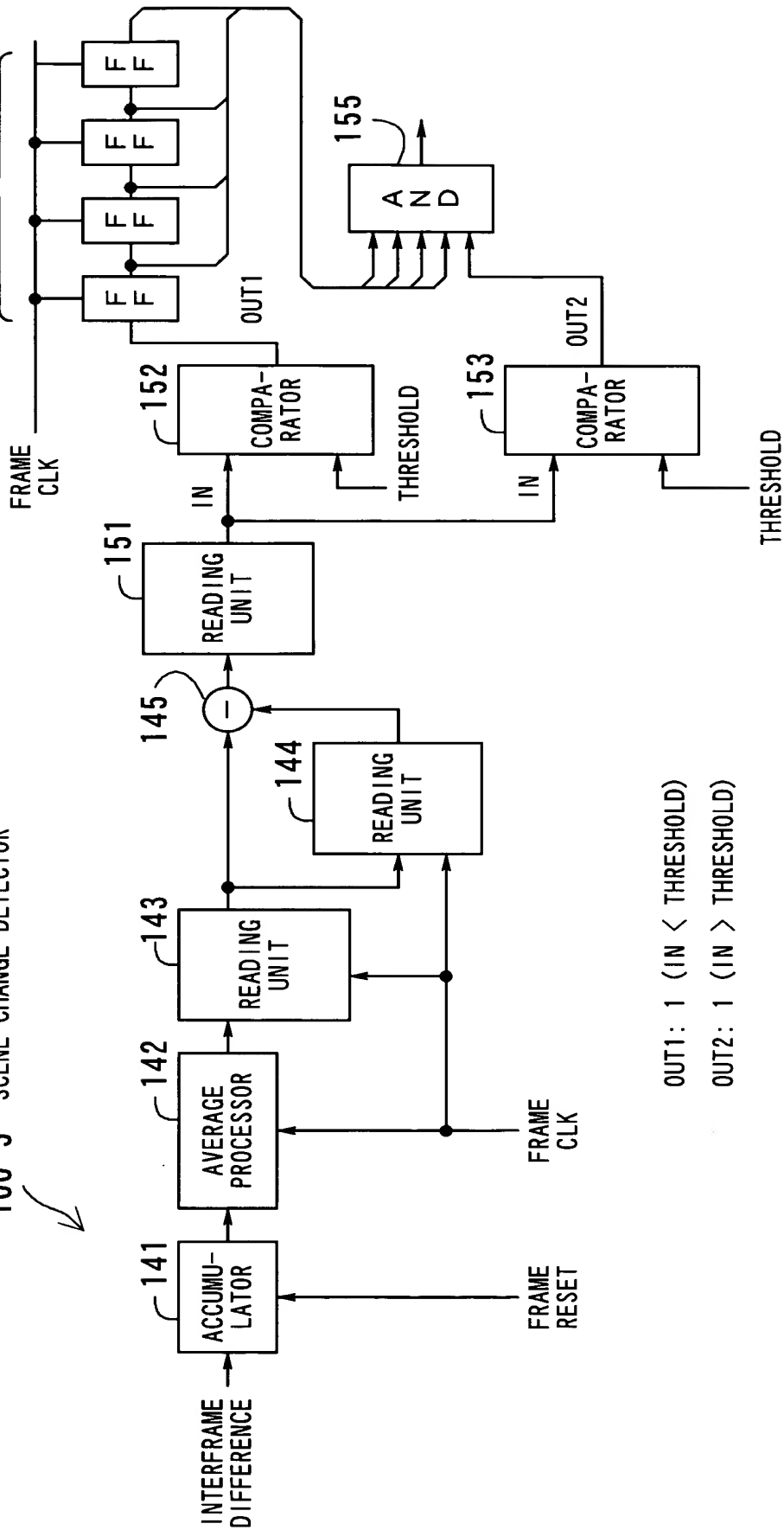
100-4 SCENE CHANGE DETECTOR



OUT: 1 (IN > THRESHOLD)

FIG. 12

# 100-5 SCENE CHANGE DETECTOR



OUT1: 1 (IN < THRESHOLD)  
OUT2: 1 (IN > THRESHOLD)

FIG. 13



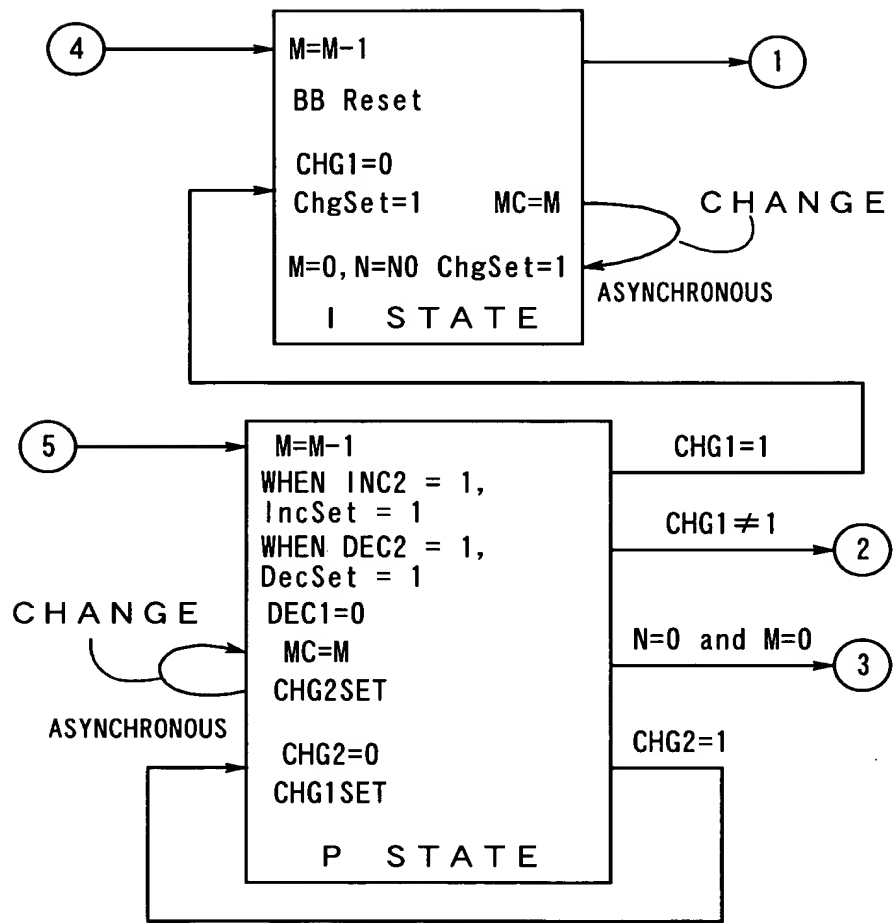
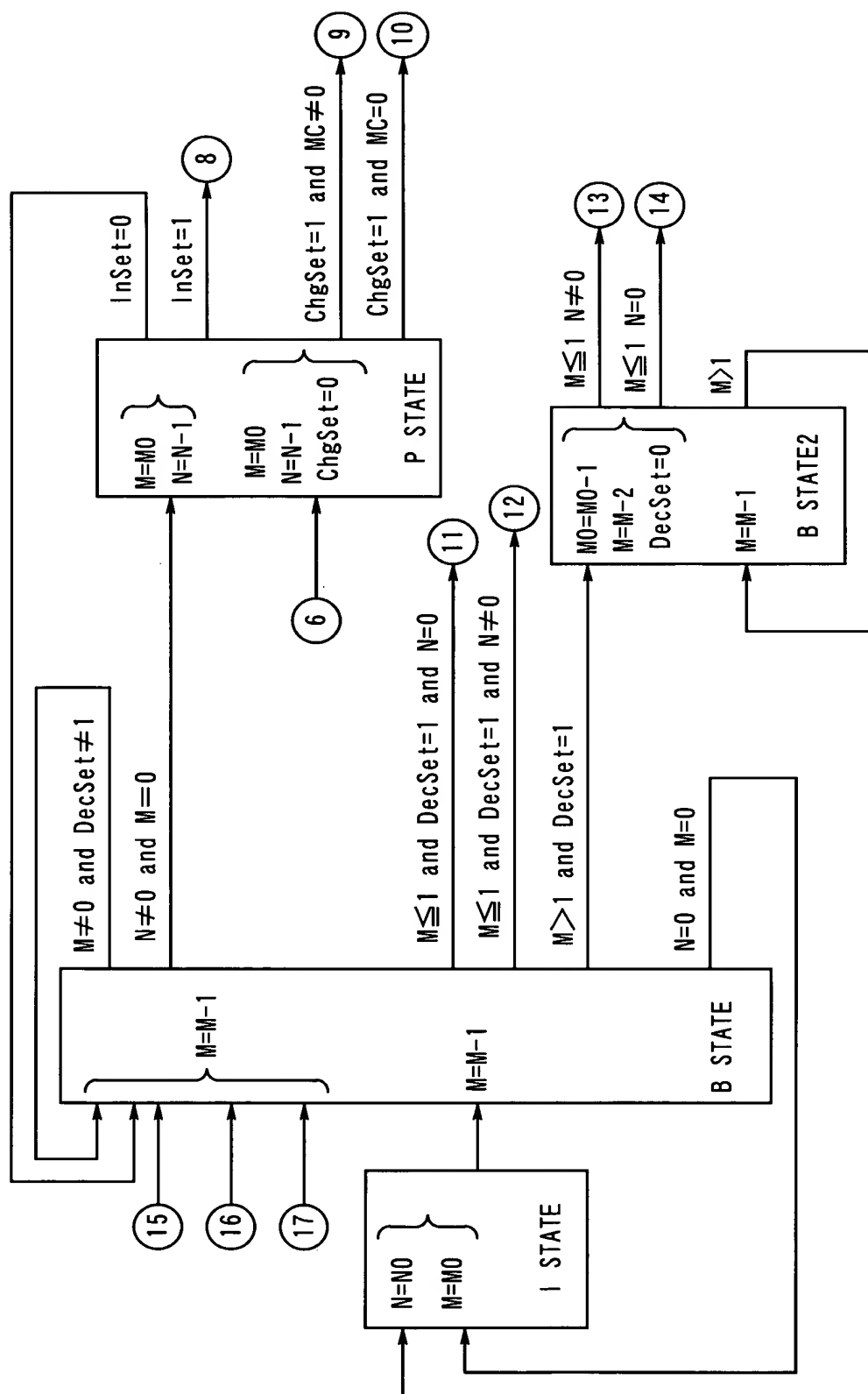


FIG. 15



**FIG. 16**



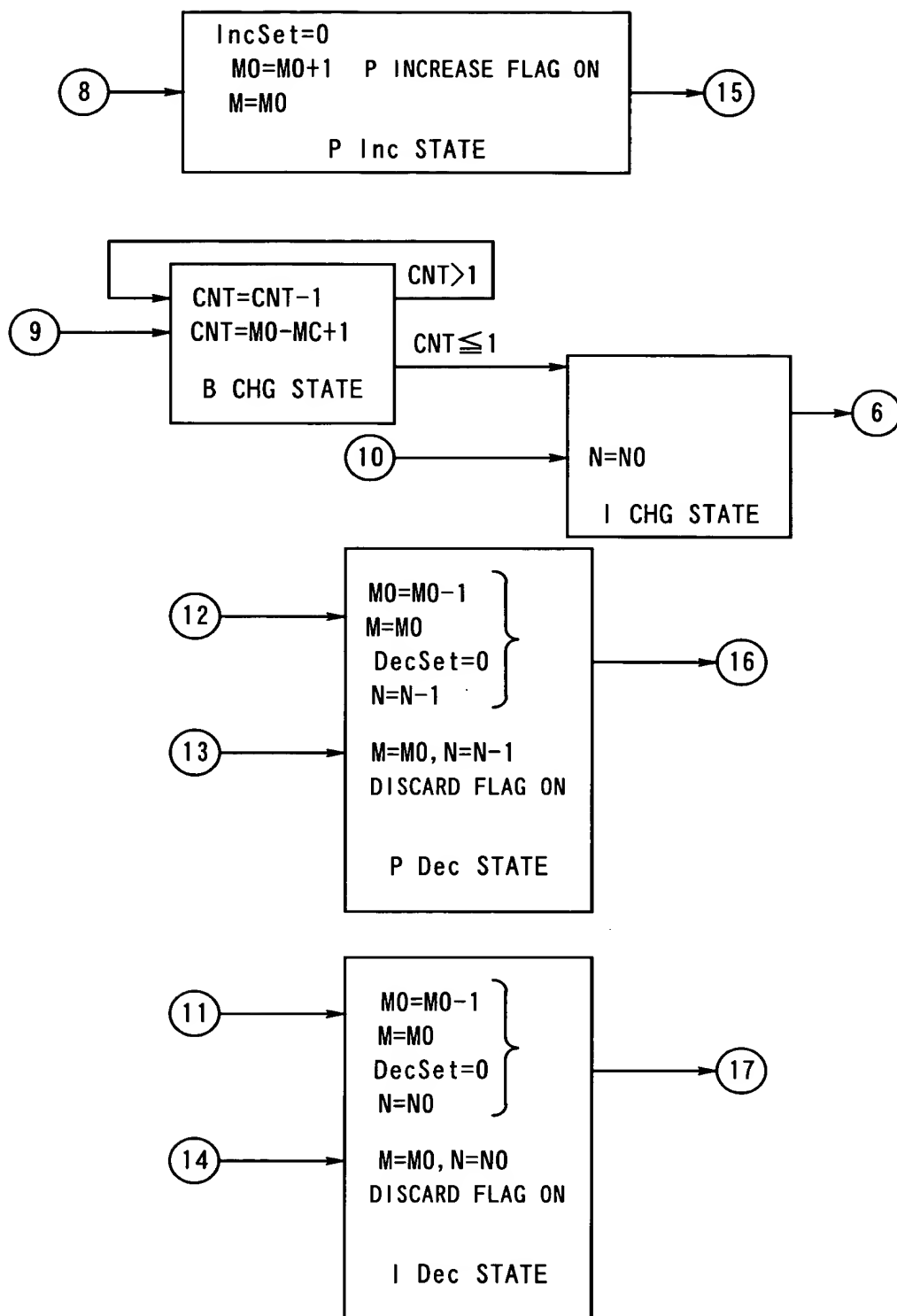
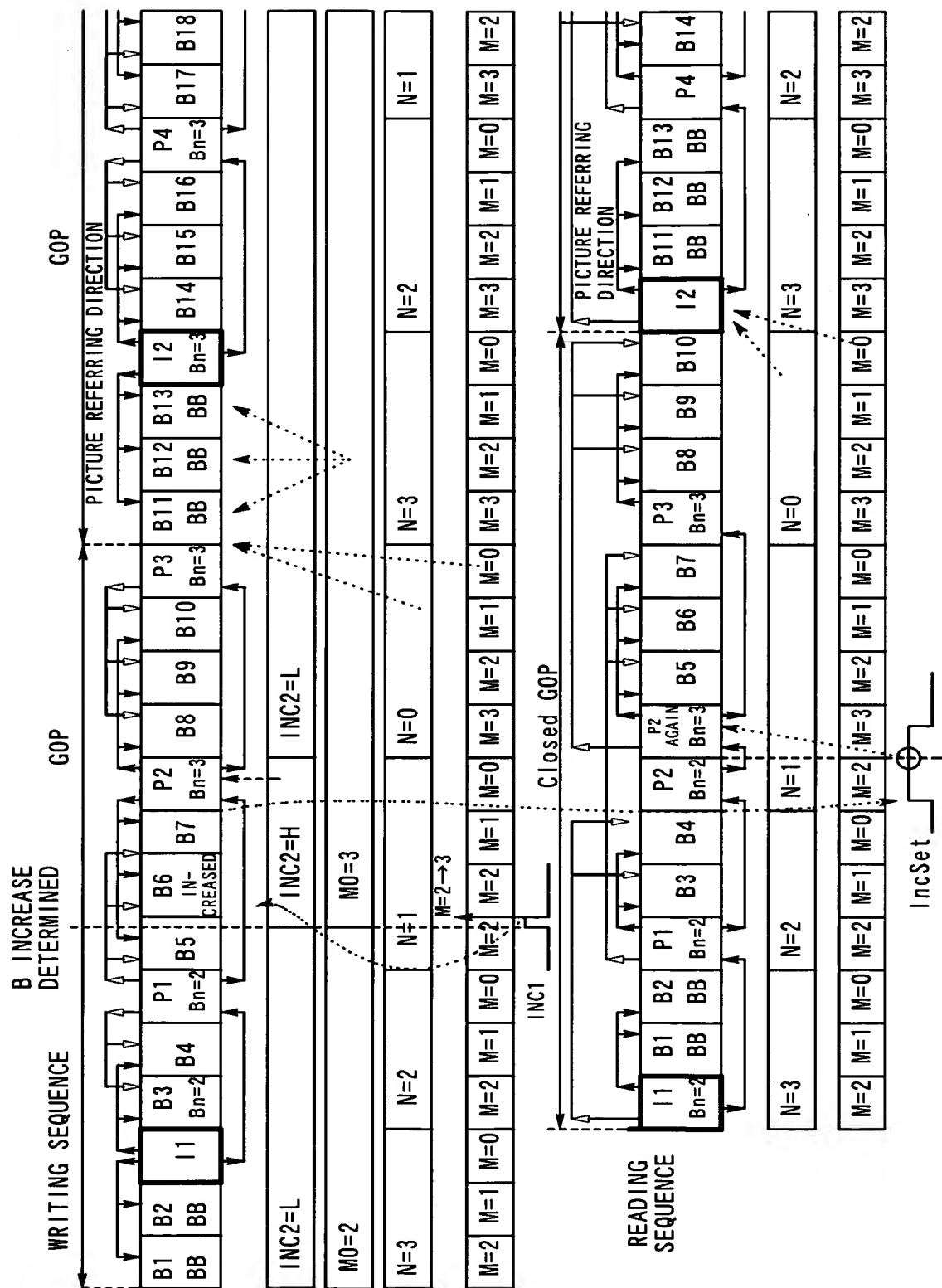


FIG. 17



**FIG. 18**



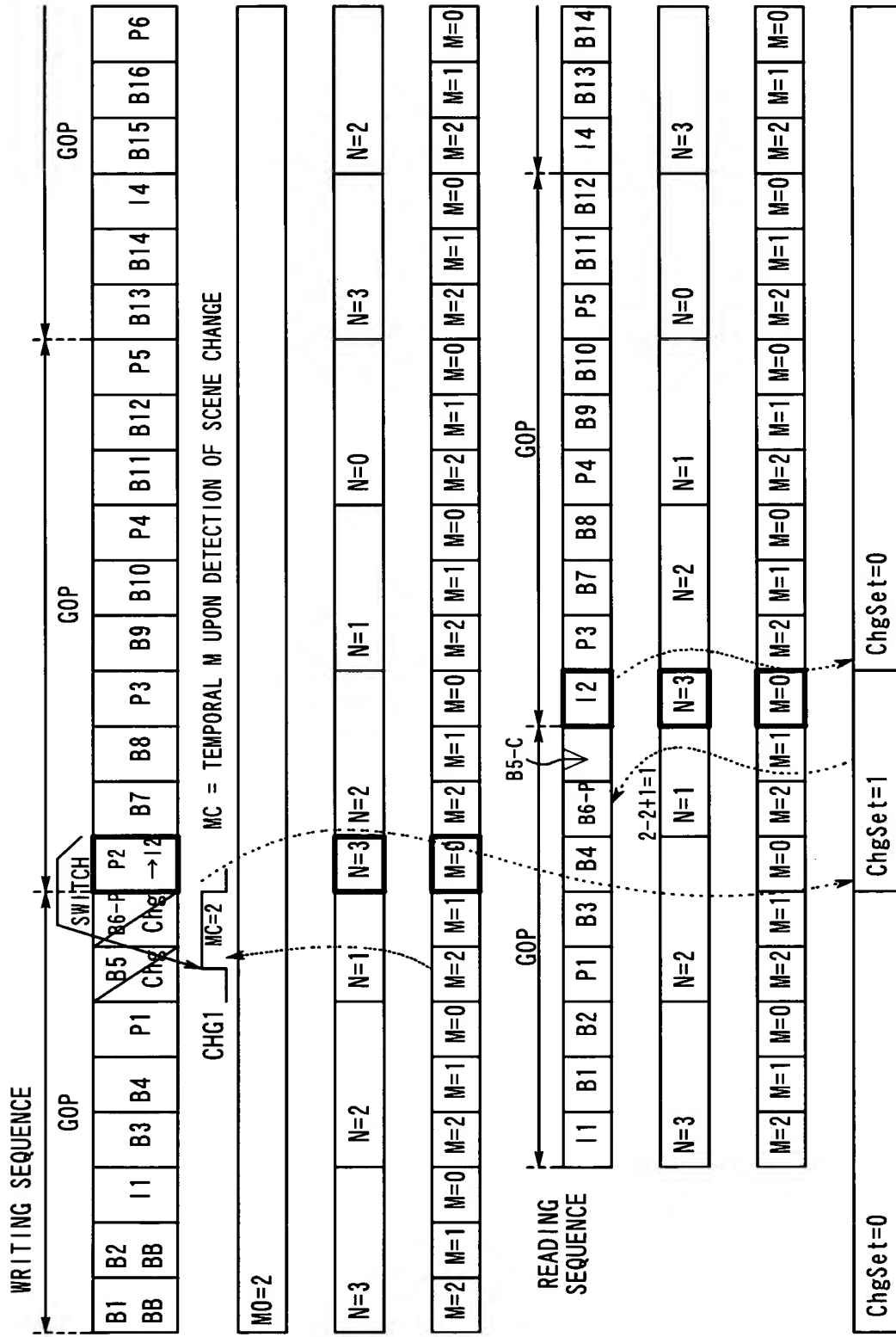


FIG. 20

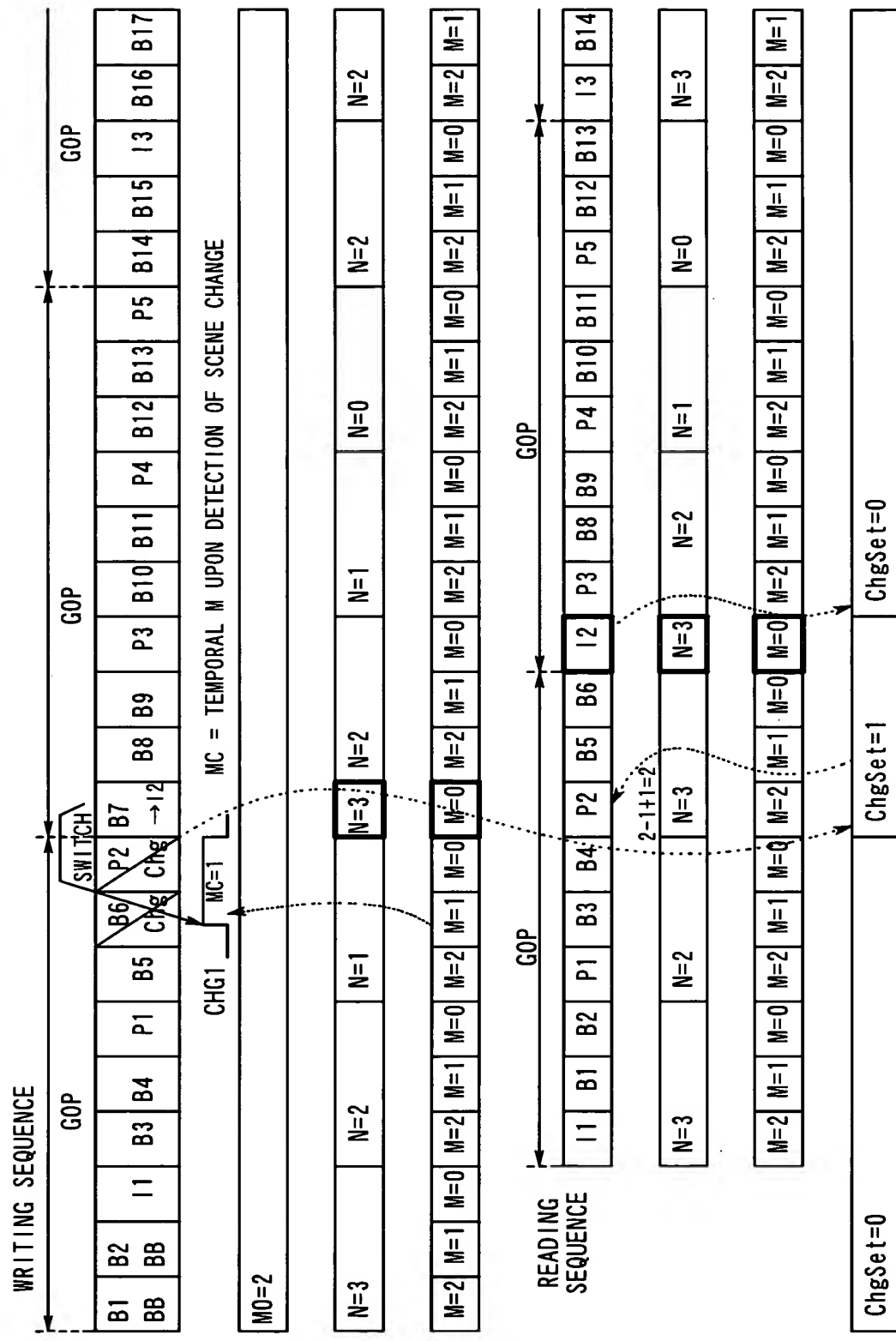


FIG. 21

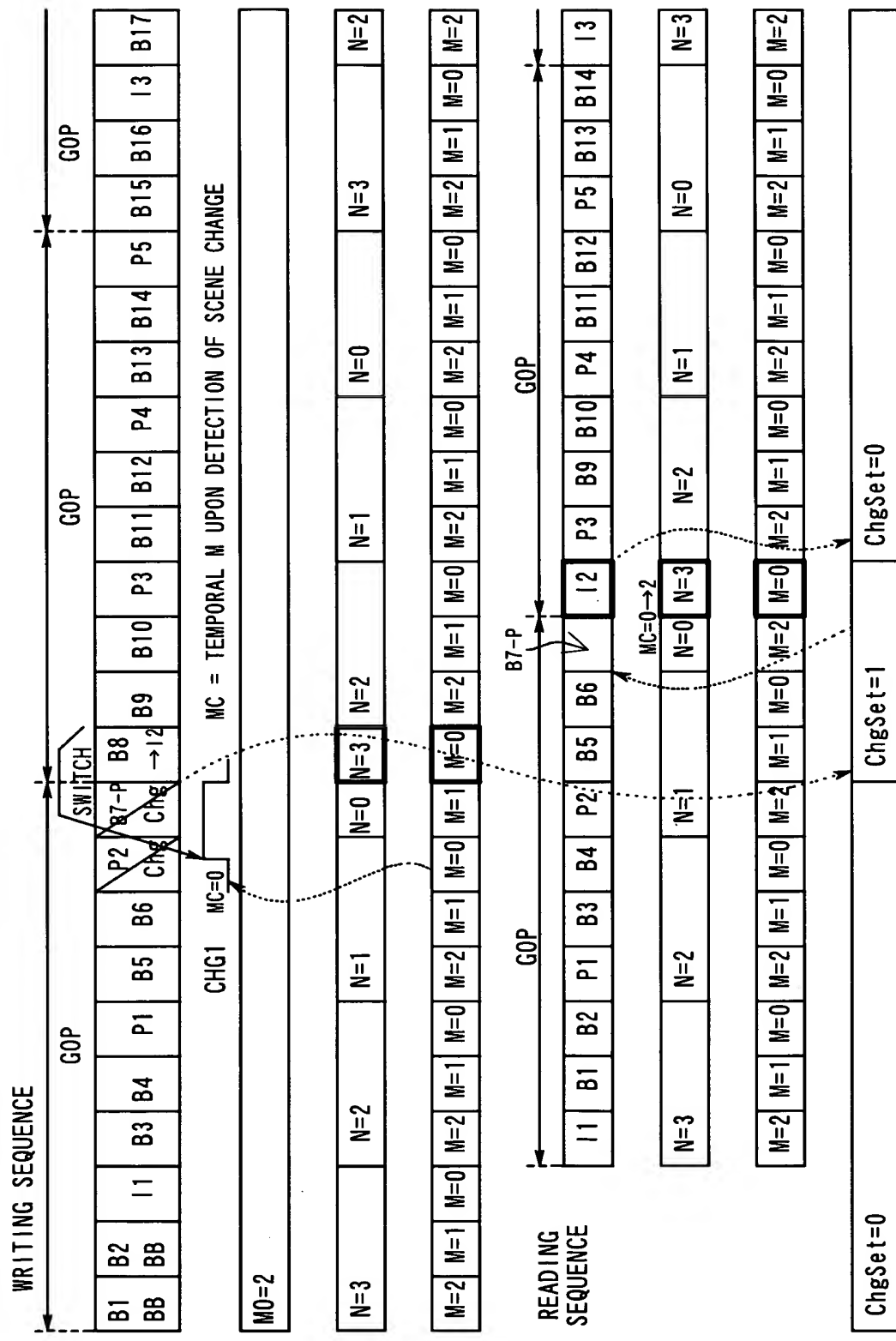


FIG. 22